

**AMENDMENTS TO THE CLAIMS**

This listing of claims replaces all prior versions of claims in the application.

Claims 1-9 (Canceled)

Claim 10 (Currently Amended): An imaging apparatus comprising:

an image taking section for taking image;

a variable configuration mirror to be used for the image taking section having a reflecting surface variable in configuration upon a conduction of electricity for performing an optical adjustment of said image taking section by change in the configuration of the reflecting surface;

an optical finder for visually confirming the image to be taken;

a variable configuration mirror to be used for the optical finder having a reflecting surface variable in configuration upon a conduction of electricity for performing an optical adjustment of said optical finder by change in the configuration of the reflecting surface; and

a control section for controlling the conduction of electricity ~~effecting control~~ so as to avoid ~~a reciprocal overlap of timings at~~ an overlap in time of the periods during which electricity is conducted respectively to the variable configuration mirror to be used for said image taking section and to the variable configuration mirror to be used for said optical finder.

Claim 11 (Currently Amended): An imaging apparatus comprising:

an image taking section for taking image;

a variable configuration mirror to be used for the image taking section having a reflecting surface variable in configuration upon a conduction of electricity for performing an optical adjustment of said image taking section by change in the configuration of the reflecting surface;

an optical finder for visually confirming the image to be taken;

a variable configuration mirror to be used for the optical finder having a reflecting surface variable in configuration upon a conduction of electricity for performing an optical adjustment of said optical finder by change in the configuration of the reflecting surface; and

a control section for, in controlling the conduction of electricity to the variable configuration mirror for said image taking section and to the variable configuration mirror for said optical finder, effecting control so as to avoid an overlap in time of electric conduction periods of the conduction of electricity for at least one variable configuration mirror of said variable configuration mirrors with the conduction of electricity for the other variable configuration mirror.

Claim 12 (Currently Amended): The imaging apparatus according to claim 11, wherein said control section ~~effects control~~ controls the conduction of electricity so that the period for the conduction of electricity for each of all of said variable configuration mirrors does not overlap that for another in time.

Claim 13 (Currently Amended): A controlling method of imaging apparatus comprising a step of controlling a conduction of electricity to a plurality of variable configuration mirrors

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that are variable configuration mirrors to be used for an image taking section for performing an optical adjustment of the image taking section by change in configuration of a reflecting surface caused by a conduction of electricity and variable configuration mirrors to be used for an optical finder for performing an optical adjustment of the optical finder by change in configuration of a reflecting surface caused by the conduction of electricity such that the period for the conduction of electricity for at least one variable configuration mirror of the plurality of variable configuration mirrors does not overlap in time the period for the conduction of electricity for the other configuration mirrors.

Claim 14 (Canceled)

Claim 15 (Currently Amended): An optical finder for visually confirming image to be taken, said optical finder comprising:

a plurality of variable configuration mirror having a reflecting surface variable in configuration upon a conduction of electricity for performing an optical adjustment by change in the configuration of the reflecting surface; and

a control section for controlling the conduction of electricity so that the periods during which electricity is conducted respectively to the plurality of variable configuration mirrors do not overlap each other in time.

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Claim 17 (Canceled)

Claim 18 (Currently Amended): ~~The optical finder according to claim 16 comprising~~ An optical finder for visually confirming an image to be taken, said optical finder comprising:

a variable configuration mirror to be used for the optical finder having a reflecting surface variable in configuration upon a conduction of electricity for performing an optical adjustment by change in the configuration of the reflecting surface; and

a control section for controlling the conduction of electricity so as to retain the configuration of the reflecting surface to be changed in configuration upon the conduction of electricity of the variable configuration mirror to a predetermined configuration within a permissible range;

wherein a plurality of said variable configuration mirror, ~~wherein~~ are provided, and said control section controls the conduction of electricity so that the periods during which electricity is conducted respectively to the plurality of said variable configuration mirrors do not overlap each other in time.

Claim 19 (Currently Amended): An imaging apparatus comprising:  
an image taking section for taking image;

a variable configuration mirror to be used for the image taking section having a reflecting surface variable in configuration upon a conduction of electricity for performing an optical adjustment of said image taking section by change in the configuration of the reflecting surface;

an optical finder for visually confirming the image to be taken;

a variable configuration mirror to be used for the optical finder having a reflecting surface variable in configuration upon a conduction of electricity for performing an optical adjustment of said optical finder by change in the configuration of the reflecting surface; and

a control section for controlling the conduction of electricity to the variable configuration mirror to be used for said image taking section and to the variable configuration mirror to be used for the optical finder;

wherein the control section controls the conduction of electricity so as to avoid an overlap in time of the periods during which electricity is conducted respectively to the variable configuration mirror to be used for said image taking section and to the variable configuration mirror to be used for said optical finder, and effects control so that an intermittent conduction of electricity for retaining the configuration of the reflecting surface of said variable configuration mirrors to a predetermined configuration within a permissible range is repeated in such a manner that an intermittent cycle for the variable configuration mirror to be used for said image taking section is shorter as compared to that for the variable configuration mirror to be used for said optical finder.

Claim 20 (Original): An imaging apparatus comprising:

image taking means for taking image;

a variable configuration mirror to be used for the image taking means having a reflecting surface variable in configuration upon a conduction of electricity for performing an optical adjustment of said image taking means by change in the configuration of the reflecting surface;

an optical finder for visually confirming image to be taken;

a variable configuration mirror to be used for the optical finder having a reflecting surface variable in configuration upon a conduction of electricity for performing an optical adjustment of said optical finder by change in the configuration of the reflecting surface; and

control means for controlling the conduction of electricity to the variable configuration mirror to be used for said image taking means and to the variable configuration mirror to be used for the optical finder;

wherein the control means effects control so that an intermittent conduction of electricity for retaining the configuration of the reflecting surface of said variable configuration mirrors to a predetermined configuration within a permissible range is repeated in such a manner that an intermittent cycle for the variable configuration mirror to be used for said image taking means is shorter as compared to that for the variable configuration mirror to be used for said optical finder.

Claim 21 (Withdrawn): An imaging apparatus comprising:

an image taking section having a variable power section;

a variable power instructing section for giving an instruction for change in variable magnification to said variable power section;

an optical finder for visually confirming an image to be taken;

a variable configuration mirror to be used for the optical finder having a reflecting surface variable in configuration upon a conduction of electricity for performing a variable power adjustment by change in the configuration of the reflecting surface; and

a control section for controlling a variable magnification of the variable configuration mirror to be used for said optical finder in accordance with an instruction of said variable power instructing section.

Claim 22 (Withdrawn): The imaging apparatus according to claim 21, wherein the variable power section of said image taking section has an optical variable power section and an electronic variable power section and a maximum variable magnification of the variable configuration mirror to be used for said optical finder is set equal to a maximum variable magnification of the image taking section obtained by combining said electronic variable power section to said optical variable power section.

Claim 23 (Withdrawn): The imaging apparatus according to claim 21, wherein the variable power section of said image taking section has an optical variable power section and an electronic variable power section and said control section controls a variable magnification of the variable configuration mirror to be used for said optical finder in accordance with a variable

magnification obtained by totaling the respective variable magnifications of said optical variable power section and said electronic variable power section.

Claim 24 (Withdrawn): The imaging apparatus according to claim 21, wherein the variable power section of said image taking section has a variable configuration mirror having a reflecting surface variable in configuration upon a conduction of electricity so as to perform a variable power adjustment by change in the configuration of said reflecting surface of the variable configuration mirror.

Claim 25 (Withdrawn): A controlling method of imaging apparatus including an image taking section having an optical variable power section and an electronic variable power section and an optical finder for visually confirming image to be taken, said controlling method of imaging apparatus comprising the steps of:

controlling the variable power of said image taking section by combining said optical variable power section and said electronic variable power section in accordance with an instruction of change in a variable magnification to said image taking section; and

controlling, in accordance with said combined variable magnification of the image taking section, a variable magnification of a variable configuration mirror provided in said optical finder having a reflecting surface variable in configuration upon a conduction of electricity for performing a variable power adjustment by change in the configuration of the reflecting surface.



Claim 26 (Withdrawn): An imaging apparatus comprising:

- an image taking section for taking image;
- a taking system optical variable power section for adjusting variable magnification of a image to be taken by movement of at least one lens along an optical axis thereof;
- an optical finder for visually confirming the image to be taken; and
- a finder variable power section for changing a magnification of said image to be visually confirmed, formed as a combination of two variable power adjusting sections that are a lens variable power adjusting section based on movement of a lens along the optical axis thereof and a mirror variable power adjusting section based on change in configuration of a reflecting surface of a variable configuration mirror having said reflecting surface variable in configuration upon a conduction of electricity;

wherein a maximum variable magnification of said taking system optical variable power section is set equal to a maximum variable magnification of the lens variable power adjusting section of said finder variable power section.

Claim 27 (Withdrawn): The imaging apparatus according to claim 26 further comprising an electronic variable power section which electronically changes a magnification of the image to be taken and of which a maximum variable magnification is set equal to a maximum variable magnification of said mirror variable power adjusting section.

Claim 28 (Withdrawn): An imaging apparatus comprising:

an image taking section for taking image;

a taking system optical variable power section for changing a magnification of said image to be taken, formed as a combination of two variable power adjusting sections that are a lens variable power adjusting section based on movement of a lens along an optical axis thereof and a mirror variable power adjusting section based on change in configuration of a reflecting surface of a variable configuration mirror having said reflecting surface variable in configuration upon a conduction of electricity;

an optical finder for visually confirming image to be taken; and

a finder variable power section for changing a magnification of said image to be visually confirmed, formed as a combination of two variable power adjusting sections that are a lens variable power adjusting section based on movement of a lens along an optical axis thereof and a mirror variable power adjusting section based on change in configuration of a reflecting surface of a variable configuration mirror having said reflecting surface variable in configuration upon a conduction of electricity,

wherein a maximum variable magnifications of the respective lens variable power adjusting sections of said taking system optical variable power section and said finder variable power section are set to be equal to each other.

Claim 29 (Withdrawn): An imaging apparatus comprising:

an image taking section for taking image;

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a taking system optical variable power section for changing a magnification of said image to be taken, formed as a combination of two variable power adjusting sections that are a lens variable power adjusting section based on movement of a lens along an optical axis thereof and a mirror variable power adjusting section based on change in configuration of a reflecting surface of a variable configuration mirror having said reflecting surface variable in configuration upon a conduction of electricity;

an optical finder for visually confirming the image to be taken; and

a finder variable power section for changing a magnification of said image to be visually confirmed, formed as a combination of two variable power adjusting sections that are a lens variable power adjusting section based on movement of a lens along an optical axis thereof and a mirror variable power adjusting section based on change in configuration of a reflecting surface of a variable configuration mirror having said reflecting surface variable in configuration upon a conduction of electricity;

wherein a maximum variable magnifications of the respective mirror variable power adjusting sections of said taking system optical variable power section and said finder variable power section are set to be equal to each other.

Claims 30 - 60 (Canceled)